Quiz: Direct and Partial Variation

Given a relationship between two variables that is a direct variation or a partial variation....

-make a table of values

-state which variable is independent and which is dependent

-graph the data (TAILS)

-decide whether or not to join the dots on the graph and explain why

-state the value which is the constant of variation and the value which is the fixed value (if there is a fixed value)

-write the equation that represents the relationship

-state whether the relationship is a direct or a partial variation

-use the equation to find one of the variables, given the other variable (substitute the variable into the equation and solve the equation using algebra, showing your work)